

# SESAME

## SESAME WEED CONTROL<sup>1</sup>

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| HERBICIDE   | WSSA MOA | BROADCAST RATE/A        |                                | REI/PHI (HOURS/DAYS) | REMARKS AND PRECAUTIONS  |
|---|----------|-------------------------|--------------------------------|----------------------|--|
|   |          | AMOUNT OF FORMULATION   | LBS AI/A                       |                      |  |
| <b>PREPLANT BURNDOWN</b>  |          |                         |                                |                      |  |
| <i>glyphosate</i><br>5.88SL<br>5.5SL<br>4SL<br>(numerous trade names/generics)  | 9        | 22 oz<br>23 oz<br>32 oz | 1.0                            | 4 H/<br>7 D          | For general burndown control of numerous annual/perennial broadleaf and grass weeds. Apply before, during, or after planting but not after ground crack/sesame emergence. <b>Rain-free period = 4 hours.</b>   |
| <i>paraquat</i><br>Helmquat/Gramoxone 3SL<br>(other generics)                   | 22       | 32 oz                   | 0.75                           | 24 H/<br>—           | For general burndown control of numerous annual broadleaf and grass weeds. Apply before, during, or after planting but not after ground crack/sesame emergence. <b>Rain-free period = 30 minutes.</b>  |
| <i>pyraflufen-ethyl</i><br>ET 0.208EC   | 14       | 0.5–2.0 oz              | 0.0008–0.003                   | 12 H/<br>—           | Tank-mix with glyphosate or paraquat to improve the control of certain annual broadleaf weeds especially annual morningglory. Use with a COC (1% v/v or 1 gal/100 gal). Plant sesame at least 1 day after application. <b>Rain-free period = 1 hour.</b>   |
| <b>PREPLANT INCORPORATED</b>  |          |                         |                                |                      |  |
| <i>trifluralin</i><br>Treflan HFP 4EC   | 3        | 16–24 oz                | 0.50–0.75                      | 12 H/<br>—           | For residual control of annual grass and small seeded broadleaf weeds. Uniformly incorporate into top 2–3" of soil within 24 hours of application.   |
| <i>ethalfluralin</i><br>Sonalan HFP 4EC   | 3        | 24 oz                   | 0.75                           | 24 H/<br>—           | For residual control of annual grass and small seeded broadleaf weeds. Uniformly incorporate into top 2–3" of soil within 48 hours of application.   |
| <b>PREEMERGENCE</b>   |          |                         |                                |                      |  |
| <i>clomazone</i><br>Caravel 3ME   | 13       | 21.3 oz                 | 0.5                            | 12 H/<br>90 D        | Will provide residual control of certain annual grasses and broadleaf weeds ( <b>not Palmer amaranth or carpetweed</b> ). Apply after sesame seeding and prior to crop/weed emergence. Caravel can cause transient sesame injury in the form of bleaching. Rotational crop restrictions: cotton = anytime (with <i>phorate</i> or <i>disulfoton</i> ); soybean/ tobacco = anytime; field corn/sorghum/peanut = 9 months; small grains = 12 months. |
| <b>POSTEMERGENCE</b>  |          |                         |                                |                      |  |
| <i>clethodim</i><br>Select 2EC<br><br>Select Max 0.97EC<br><br>(other generics) | 1        | 6–8 oz<br><br>9–16 oz   | 0.094–0.125<br><br>0.068–0.121 | 24 H/<br>14 D        | For the control of many annual and perennial grasses. <b>Do not apply during sesame flowering.</b> Do not apply more than 8 oz/A (Select) or 16 oz/A (Select Max) in a single application. Split applications can be made 14 days apart. Use a NIS (0.25% v/v or 1 qt/100 gals) with Select Max or COC (1% v/v or 1 gal/100 gals) with Select. <b>Rain-free period = 1 hour.</b>   |
| <i>sethoxydim</i><br>Poast 1.5EC  | 1        | 16–24 oz                | 0.188–0.281                    | 12 H/<br>60 D        | For the control of many annual and perennial grasses. Maximum single application rate = 40 oz/A. Maximum annual application rate = 80 oz/A. Use with a COC (1% v/v or 1 gal/100 gal). <b>Rain-free period = 1 hour.</b>  |

1. Refer to Soybean Weed Control Section for weed efficacy ratings. Minimal sesame weed control studies have been conducted by UGA weed scientists.

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|---|------------------|--------------------------|-------------|-------------------------|---|
|   | WSSA<br>MOA      | AMOUNT OF<br>FORMULATION | LBS AI/A    |                         |   |
| <b>HARVEST AID</b>                            |                  |                          |             |                         |   |
| <i>glyphosate</i><br>Roundup PowerMax3 5.88SL |                  | 30 oz                    | 1.38        | 4 H/<br>7 D             | Apply after physiological maturity (PM) has occurred when 75% of the capsules on the main stem have seed with final color (darker than the milky white of the immature seed). PM seeds have a brown tip where the placenta attachment has dried and on one side of the seed, a seed line is visible. Do not apply to sesame grown for seed.   |
| <i>saflufenacil</i><br>Sharpen 2.85SC         | 14               | 1–2 oz                   | 0.022–0.044 | 12 H/<br>3 D            | Apply in at least 10 GPA in combination with an MSO (1% v/v) and AMS (8.5–17 lbs/100 gals). Apply after physiological maturity (PM) has occurred when 75% of the capsules on the main stem have seed with final color (darker than the milky white of the immature seed)]. PM seeds have a brown tip where the placenta attachment has dried and on one side of the seed, a seed line is visible. Do not apply to sesame grown for seed. Allow up to 10 days for optimum desiccation effect. <b>Rain-free period is 1 hour.</b> |